UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/869,816	07/03/2001	Tatsuya Inokuchi	7246/63007	1346

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ART UNIT	PAPER NUMBER
2136	

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Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Office Action Summary	09/869,816	INOKUCHI ET AL.
	Examiner	Art Unit	
	Ronald Baum	2136	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on _09 August 2006_.
2a) ☐ This action is **FINAL.** 2b) ☒ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) _1-11,49-63,87 and 88_ is/are pending in the application.
    4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) _1-11,49-63,87,88_ is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.
    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    a)☐ All   b)☐ Some * c)☐ None of:
        1.☐ Certified copies of the priority documents have been received.
        2.☐ Certified copies of the priority documents have been received in Application No. _____.
        3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _9/19/2006_.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

1.   This action is in reply to applicant's correspondence of 09 August 2006.

2.   Claims 1-11, 49-63, 87-88 are pending for examination.

3.   Claims 1-11, 49-63, 87-88 are rejected.

Claim Objections

Claim 5 is objected to because of the following informalities: The word 'electric' is

incorrectly spelled 'eclectic'. Appropriate correction is required.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

4.   Claims 2-10, 50-63 are rejected under 35 U.S.C. 112, second paragraph, as being

indefinite for failing to particularly point out and distinctly claim the subject matter which

applicant regards as the invention.

Claims 2-10, 50-63 recites the limitation "... data *decoding* apparatus ..." in Claims 2-10,

50-63. There is insufficient antecedent basis for this limitation in the claim, whereas for the sake

of applying art, the examiner assumes the phrase should be "... *reproducing* ..." as in the

independent claims as amended.

Claims 2,9,10,50,51,55,58-61,63 recites the limitation "... *digital* data ..." in Claims

2,9,10,50,51,55,58-61,63. There is insufficient antecedent basis for this limitation in the claim,

whereas for the sake of applying art, the examiner assumes the phrase should be "... *contents*

...*"* as in the independent claims as amended.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on
> sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-11, 49-63, 87-88 are rejected under 35 U.S.C. 102(b) as being anticipated by

Daggar, U.S. Patent 5,748,737.

5.   As per claim 1; "A data reproducing apparatus comprising:

a storage configured to store

         contents data and

         corresponding subordinate data *[Abstract, col. 1,lines 5-25, col. 7,lines 33-col.*

9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated

multimedia card and digital card(s) with cryptographic (i.e., encryption/ coding/

decryption/ decoding) based wallet micro-module, secure storage elements, virtual debit

card functionality (i.e., the debited amounts per transaction corresponding to

subordinate data that modifies the rights (the debit card balance available to transact a

transaction); post rights use per transaction), and multiple interface aspects, clearly

encompasses the claimed limitations as broadly interpreted by the examiner.];

a reproducing unit configured to decode

said contents data *[Abstract, col. 1,lines 5-25, col. 7,lines 33-col. 9,line 31, col.*

9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia card

and digital card(s) with cryptographic (i.e., encryption/ coding/ decryption/ decoding)

based wallet micro-module, secure storage elements, multiple interface aspects (i.e., the

cards being medium elements), and 'Other physical information such as a card owner

signature, photo, hologram and bar code could also be included on the ... card ... owner

specific (i.e., col. 13,lines 28-col. 14,line 8, col. 18,lines 62-col. 21,line 30)' whereas the

case of financial transactions clearly won't occur if said user associated information so

embedded is not authenticated (i.e., financial transactions won't allow for multiple,

reproduced, duplicated transactions), and therefore encompasses the claimed limitations

as broadly interpreted by the examiner.];

a memory configured to store

right data indicating a right to

reproduce said contents data *[Abstract, col. 1,lines 5-25, col. 7,lines 33-*

col. 9,line 31, col. 9,lines 63-col. 21,line 35, whereas the digital card(s) with

cryptographic (i.e., encryption) based wallet micro-module, secure storage

elements, virtual debit card functionality, and multiple interface aspects, clearly

encompasses the claimed limitations as broadly interpreted by the examiner.];

and

a controller configured to

control said reproducing unit to reproduce said contents data based on

said right data, and

to change said right data based on

said subordinate data when

said contents data are reproduced *[Abstract, col. 1,lines 5-25, col.*

7,lines 33-col. 9,line 31, col. 9,lines 63-col. 21,line 35, whereas the

electronic wallet and associated multimedia card and digital card(s) with

cryptographic (i.e., encryption) based wallet micro-module, secure

storage elements, virtual debit card functionality (i.e., the debited amounts

per transaction corresponding to subordinate data that modifies the rights

(the debit card balance available to transact a transaction); post rights

use per transaction), and multiple interface aspects, clearly encompasses .

the claimed limitations as broadly interpreted by the examiner.]."

Further, as per claim 11, this claim is the method claim for the apparatus claim 1 above,

and is rejected for the same reasons provided for the claim 1 rejection.

6.   Claim 2 *additionally recites* the limitation that; "The data decoding apparatus according

to claim 1, wherein

said subordinate data includes

identifiers of said digital data and

said memory stores

a log of an identifier of decoded digital data when

said digital data is decoded".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col.

9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet micro-module secure

storage as related to the multimedia content protection, banking transaction content/ virtual debit

card functionality (i.e., the debited amounts per transaction corresponding to subordinate data

that modifies the rights (the debit card balance available to transact a transaction); post rights use

per transaction), and multiple digital card(s) with associated users (and associated identifiers),

clearly encompasses the claimed limitations as broadly interpreted by the examiner.).

7.   Claim 3 *additionally recites* the limitation that; "The data decoding apparatus according

to claim 1, further comprising

        an interface that

                · safely exchanges data with an external apparatus by

                        encrypting the data,

        wherein

                said right data is transmitted through the interface.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col.

9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia

card and digital card(s) with encryption based wallet micro-module, secure storage elements, and

multiple interface aspects, clearly interfaces external to the device (i.e., user interface, magnetic,

etc., card interfaces) as associated with the stored data/parameters/transaction (virtual debit card

functionality (i.e., the debited amounts per transaction corresponding to subordinate data that

modifies the rights (the debit card balance available to transact a transaction); post rights use per

transaction)) logs, etc., and encompasses the claimed limitations as broadly interpreted by the

examiner.).

8.   Claim 4 *additionally recites* the limitation that; "The data decoding apparatus according

to claim 3, wherein

the interface has a contactless communicating unit.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col.

9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia

card and digital card(s), secure storage elements, and multiple interface aspects, clearly

interfaces external to the device (i.e., user interface, magnetic, etc., card interfaces) which

include proximity/contactless based (i.e., magnetic, weigand, RF, etc.) technologies, and

encompasses the claimed limitations as broadly interpreted by the examiner.).

9.   Claim 5 *additionally recites* the limitation that; "The data decoding apparatus according

to claim 4, wherein

the interface has

an electric power receiving unit; and

the data stored in said memory can be accessed through said interface by

receiving power through said interface.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col.

9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia

card and digital card(s), secure storage elements, and multiple interface aspects, such that power

supplied via solar cells (i.e., col. 12,lines 66-col. 13,line 3, col. 17,lines 1-44), encompasses the

claimed limitations as broadly interpreted by the examiner.).

10.   Claim 6 *additionally recites* the limitation that; "The data decoding apparatus according

to claim 1, further comprising

    an interface that

        safely exchanges data with an external apparatus by

            encrypting the data,

        wherein log data stored in said memory

            can be transmitted through said interface.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col.

9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia

card and digital card(s) with encryption based wallet micro-module, secure storage elements, and

multiple interface aspects, clearly interfaces external to the device (i.e., user interface, magnetic,

etc., card interfaces) as associated with the stored data/parameters/transaction logs, etc., and

encompasses the claimed limitations as broadly interpreted by the examiner.).

11.   Claim 7 *additionally recites* the limitation that; "The data decoding apparatus according

to claim 6, wherein

    said interface has a contactless communicating unit.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col.

9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia

card and digital card(s), secure storage elements, and multiple interface aspects, clearly

interfaces external to the device (i.e., user interface, magnetic, etc., card interfaces) which

include proximity/contactless based (i.e., magnetic, weigand, RF, etc.) technologies, and

encompasses the claimed limitations as broadly interpreted by the examiner.).

12.   Claim 8 *additionally recites* the limitation that; "The data decoding apparatus according

to claim 7, wherein

 said interface has an electric power receiving unit and

 the data stored in said memory can be accessed through said interface by

  receiving power through said interface.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col.

9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia

card and digital card(s), secure storage elements, and multiple interface aspects, such that power

supplied via solar cells (i.e., col. 12,lines 66-col. 13,line 3, col. 17,lines 1-44), encompasses the

claimed limitations as broadly interpreted by the examiner.).

13.   Claim 9 *additionally recites* the limitation that; "The data decoding apparatus according

to claim 1, wherein

 when the digital data are decoded,

  a decoding condition is embedded

   as a watermark into the output data.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col. 9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia card and digital card(s) with encryption based wallet micro-module, secure storage elements, and 'Other physical information such as a card owner signature, photo, hologram and bar code could also be included on the … card … owner specific (i.e., col. 13,lines 28-col. 14,line 8, col. 18,lines 62-col. 21,line 30)', encompasses the claimed limitations as broadly interpreted by the examiner.).

14.   Claim 10 *additionally recites* the limitation that; "The data decoding apparatus according to claim 9, wherein

when the digital data includes a watermark,

the digital data can be decoded when

the watermark is the same as the decoding condition.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col. 9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia card and digital card(s) with encryption based wallet micro-module, secure storage elements, and 'Other physical information such as a card owner signature, photo, hologram and bar code could also be included on the … card … owner specific (i.e., col. 13,lines 28-col. 14,line 8, col. 18,lines 62-col. 21,line 30)' whereas the case of financial transactions clearly won't occur if said user associated information so embedded is not authenticated (i.e., financial transactions won't allow for multiple, reproduced, duplicated transactions), and therefore encompasses the claimed limitations as broadly interpreted by the examiner.).

15.   As per claim 49; "A data reproducing apparatus comprising:

a first storage configured to store

contents data and

corresponding subordinate data,

said subordinate data including at least

a reproducing condition of said contents data *[Abstract, col. 1,lines*

5-25, col. 7,lines 33-col. 9,line 31, col. 9,lines 63-col. 21,line 35, whereas

the electronic wallet and associated multimedia card and digital card(s)

with cryptographic (i.e., encryption/ coding/ decryption/ decoding) based

wallet micro-module, secure storage elements, virtual debit card

functionality (i.e., the debited amounts per transaction corresponding to

subordinate data that modifies the rights (the debit card balance available

to transact a transaction); post rights use per transaction, inclusive of

decoding/decryption of debit/content data for said transaction use), and

multiple interface aspects, clearly encompasses the claimed limitations as

broadly interpreted by the examiner.];

a reproducing unit configured to decode

said contents data and

subordinate data; and *[Abstract, col. 1,lines 5-25, col. 7,lines 33-col. 9,line 31,*

col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia

card and digital card(s) with cryptographic (i.e., encryption/ coding/ decryption/

decoding) based wallet micro-module, secure storage elements, multiple interface

aspects (i.e., the cards being medium elements), and 'Other physical information such as

a card owner signature, photo, hologram and bar code could also be included on the ...

card ... owner specific (i.e., col. 13,lines 28-col. 14,line 8, col. 18,lines 62-col. 21,line

30)' whereas the case of financial transactions clearly won't occur if said user

associated information so embedded is not authenticated (i.e., financial transactions

won't allow for multiple, reproduced, duplicated transactions), and therefore

encompasses the claimed limitations as broadly interpreted by the examiner.];

a second storage configured to store right data; and [Abstract, col. 1,lines 5-25, col.

7,lines 33-col. 9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet micro-

module secure storage and multiple interface aspects, clearly encompasses the claimed

limitations as broadly interpreted by the examiner.]; and

a controller configured to control changing

said right data stored in said second storage

corresponding to said subordinate data when

contents data reproduced by said reproducing unit is

not free *[Abstract, col. 1,lines 5-25, col. 7,lines 33-col.*

9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic

wallet micro-module secure storage (i.e., col. 18,lines 62-col.

21,line 35, col. 9,lines 5-30 'emphasis on data security as opposed

to media security ... a remote banking terminal, ...a transaction

security controller, and transaction recorder and reconciler,

among other functions ... '), virtual debit card functionality (i.e.,

the debited amounts per transaction corresponding to subordinate

data that modifies the rights (the debit card balance available to

transact a transaction; inclusive of rights such that debit amounts

are unlimited (i.e., content is effectively 'free') /balance of 'zero'

(i.e., content is effectively completely restricted from a rights

aspect) states); post rights use per transaction, inclusive of

decoding/decryption of debit/content data for said transaction

use), clearly encompasses the claimed limitations as broadly

interpreted by the examiner.].".

16.   Claim 50 *additionally recites* the limitation that; "The decoding apparatus according to

claim 49, wherein

> when the decoded digital data is free,

>> the controller does not change

>>> said right data stored in said second storage.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col.

9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet micro-module secure

storage (i.e., col. 18,lines 62-col. 21,line 35, col. 9,lines 5-30 'emphasis on data security as

opposed to media security ... a remote banking terminal, ...a transaction security controller, and

transaction recorder and reconciler, among other functions ...'), virtual debit card functionality

(i.e., the debited amounts per transaction corresponding to subordinate data that modifies the

rights (the debit card balance available to transact a transaction; inclusive of rights such that

debit amounts are unlimited (i.e., content is effectively 'free' and rights data also effectively does

not change) /balance of 'zero' (i.e., content is effectively completely restricted from a rights

aspect) states); post rights use per transaction, inclusive of decoding/decryption of debit/content

data for said transaction use), clearly encompasses the claimed limitations as broadly interpreted

by the examiner.).

17.   Claim 51 *additionally recites* the limitation that; "The decoding apparatus according to

claim 49, further comprising

        a converting unit configured to convert

                output digital data outputted from the decoding unit into

                        an analog signal.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col.

9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia

card and digital card(s), secure storage elements, and multiple interface aspects, clearly

interfaces external to the device (i.e., user interface, magnetic, etc., card interfaces) which

include proximity/contactless based (i.e., magnetic, weigand, RF, etc.) technologies, whereas the

interfacing to said technologies is an analog signal, and encompasses the claimed limitations as

broadly interpreted by the examiner.).

18.   Claim 52 *additionally recites* the limitation that; "The decoding apparatus according to

claim 49, wherein

decoding history information of the decoded data are stored in

said second storage.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col.

9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia

card and digital card(s) with encryption based wallet micro-module, secure storage elements, and

the case of financial transactions (i.e., banking transactions) and user associated information,

encompasses the claimed limitations as broadly interpreted by the examiner.).

19.   Claim 53 *additionally recites* the limitation that; "The decoding apparatus according to

claim 52, further comprising

a communicating unit, wherein

the decoding history information and

the right data are transmitted to

an external apparatus through the communicating unit.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col.

9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet case of financial

transactions (i.e., banking transactions) and user associated information, encompasses the

claimed limitations as broadly interpreted by the examiner.).

20.   Claim 54 *additionally recites* the limitation that; "The decoding apparatus according to

claim 53, wherein

an operation power is supplied to the apparatus from

an exterior source through the communicating unit.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col.

9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia

card and digital card(s), secure storage elements, and multiple interface aspects, such that power

supplied via solar cells (i.e., col. 12,lines 66-col. 13,line 3, col. 17,lines 1-44), encompasses the

claimed limitations as broadly interpreted by the examiner.).

21.   Claim 55 *additionally recites* the limitation that; "The decoding apparatus according to

claim 49, wherein the decoding unit comprises

a decoder configured to decode

an encryption performed on the digital data and

a decompressing unit configured to decompress

the data decoded by the decoder.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col.

9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia

card and digital card(s) with cryptographic (i.e., encryption/ coding/ decryption/ decoding) and

associated data protocol processing (i.e., decompressing, decoding, reformatting, etc.,) based

wallet micro-module, secure storage elements, multiple interface aspects (i.e., the cards being

medium elements), and 'Other physical information such as a card owner signature, photo,

hologram and bar code could also be included on the ... card ... owner specific (i.e., col. 13,lines 28-col. 14,line 8, col. 18,lines 62-col. 21,line 30)' whereas the case of financial transactions clearly won't occur if said user associated information so embedded is not authenticated (i.e., financial transactions won't allow for multiple, reproduced, duplicated transactions), and therefore encompasses the claimed limitations as broadly interpreted by the examiner.).

22.   Claim 56 *additionally recites* the limitation that; "The decoding apparatus according to claim 49, further comprising

a watermark detecting unit for

detecting whether a watermark has been added to output data outputted from the decoding unit,

wherein when the watermark is not detected from

the decoded data, the decoded data are outputted.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col. 9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia card and digital card(s) with encryption based wallet micro-module, secure storage elements, and 'Other physical information such as a card owner signature, photo, hologram and bar code could also be included on the ... card ... owner specific (i.e., col. 13,lines 28-col. 14,line 8, col. 18,lines 62-col. 21,line 30)', encompasses the claimed limitations as broadly interpreted by the examiner.).

23.   Claim 57 *additionally recites* the limitation that; "The decoding apparatus according to

claim 56, wherein

    when the data regarding the decoding conditions are

        included in the watermark detected by the watermark detecting unit,

            the controller

                collates the output data with the data regarding the decoding

        conditions extracted from the decoded subordinate data and

            outputs the decoded data from the decoding unit when

                the data corresponding to the decoding conditions detected

            by the watermark detecting unit coincides with

                the data corresponding to the reproducing conditions

            extracted from the decoded subordinate data stored in the first

            storage.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col.

9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia

card and digital card(s) with encryption based wallet micro-module, secure storage elements, and

'Other physical information such as a card owner signature, photo, hologram and bar code could

also be included on the ... card ... owner specific (i.e., col. 13,lines 28-col. 14,line 8, col.

18,lines 62-col. 21,line 30)' whereas the case of financial transactions clearly won't occur if said

user associated information so embedded is not authenticated (i.e., financial transactions won't

allow for multiple, reproduced, duplicated transactions), and therefore encompasses the claimed

limitations as broadly interpreted by the examiner.).

24.   Claim 58 *additionally recites* the limitation that; "The decoding apparatus according to

claim 56, wherein

        when the data regarding the decoding conditions detected by the watermark detecting unit

does not coincide with

        the data regarding the reproducing conditions extracted from the decoded

subordinate data stored in the first storage,

        the controller does not output the decoded digital data from the decoding unit.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col.

9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia

card and digital card(s) with encryption based wallet micro-module, secure storage elements, and

'Other physical information such as a card owner signature, photo, hologram and bar code could

also be included on the ... card ... owner specific (i.e., col. 13,lines 28-col. 14,line 8, col.

18,lines 62-col. 21,line 30)' whereas the case of financial transactions clearly won't occur if said

user associated information so embedded is not authenticated (i.e., financial transactions won't

allow for multiple, reproduced, duplicated transactions), and therefore encompasses the claimed

limitations as broadly interpreted by the examiner.).

25.   Claim 59 *additionally recites* the limitation that; "The decoding apparatus according to

claim 58, wherein

        said decoding unit further includes

                a decoding conditions detecting unit configured to

extract the data regarding the decoding conditions from the decoded

digital data.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col. 9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia card and digital card(s) with encryption based wallet micro-module, secure storage elements, and 'Other physical information such as a card owner signature, photo, hologram and bar code could also be included on the ... card ... owner specific (i.e., col. 13,lines 28-col. 14,line 8, col. 18,lines 62-col. 21,line 30)' whereas the case of financial transactions clearly won't occur if said user associated information so embedded is not authenticated (i.e., financial transactions won't allow for multiple, reproduced, duplicated transactions), and therefore encompasses the claimed limitations as broadly interpreted by the examiner.).

26.   Claim 60 *additionally recites* the limitation that; "The decoding apparatus according to claim 57, further comprising

a watermark adding unit configured to

add a watermark formed on the basis of

the data regarding the decoding conditions,

wherein when the watermark cannot correctly be detected from the decoded digital data

outputted from said decoding unit by the watermark detecting unit,

the watermark adding unit

forms the watermark and

adds the watermark to the decoded digital data.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col. 9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia card and digital card(s) with encryption based wallet micro-module, secure storage elements, and 'Other physical information such as a card owner signature, photo, hologram and bar code could also be included on the ... card ... owner specific (i.e., col. 13,lines 28-col. 14,line 8, col. 18,lines 62-col. 21,line 30)' whereas the case of financial transactions clearly won't occur if said user associated information so embedded is not authenticated (i.e., financial transactions won't allow for multiple, reproduced, duplicated transactions), and therefore encompasses the claimed limitations as broadly interpreted by the examiner.).

27.   Claim 61 *additionally recites* the limitation that; "The decoding apparatus according to claim 60, wherein

when the watermark is correctly detected from the decoded digital data from the decoding unit by said watermark detecting unit,

said watermark adding unit

does not add the watermark to the decoded digital data.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col. 9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia card and digital card(s) with encryption based wallet micro-module, secure storage elements, and 'Other physical information such as a card owner signature, photo, hologram and bar code could also be included on the ... card ... owner specific (i.e., col. 13,lines 28-col. 14,line 8, col. 18,lines 62-col. 21,line 30)' whereas the case of financial transactions clearly won't occur if said

user associated information so embedded is not authenticated (i.e., financial transactions won't

allow for multiple, reproduced, duplicated transactions), and therefore encompasses the claimed

limitations as broadly interpreted by the examiner.).

28.   Claim 62 *additionally recites* the limitation that; "The decoding apparatus according to

claim 49, wherein

    said decoding unit,

    said second storage, and

    said controller are constructed as one chip.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col.

9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia

card and digital card(s) with encryption based wallet micro-module, secure storage elements, are

such that the various embodiments involving the wallet/smartcard architectures clearly are

integrated into single chip configurations, and therefore encompasses the claimed limitations as

broadly interpreted by the examiner.).

29.   Claim 63 *additionally recites* the limitation that; "The decoding apparatus according to

claim 49, wherein

    when the right data stored said second storage unit indicate that

        the decoded digital data cannot be reproduced,

            said controller stops the decoding process.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col.

9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia

card and digital card(s) with encryption based wallet micro-module, secure storage elements, and

'Other physical information such as a card owner signature, photo, hologram and bar code could

also be included on the ... card ... owner specific (i.e., col. 13,lines 28-col. 14,line 8, col.

18,lines 62-col. 21,line 30)' whereas the case of financial transactions clearly won't occur if said

user associated information so embedded is not authenticated (i.e., financial transactions won't

allow for multiple, reproduced, duplicated transactions), and therefore encompasses the claimed

limitations as broadly interpreted by the examiner.).

30.   Claim 87 *additionally recites* the limitation that; "The data reproducing apparatus

according to claim 1, wherein

     said contents data includes at least one of

          audio data,

          video data,

          still image data,

          character data,

          computer graphic data,

          game software, and

          a computer program.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col.

9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia

card and digital card(s) with encryption based wallet micro-module, secure storage elements, and

'Other physical information such as a card owner signature, photo, hologram and bar code could

also be included on the ... card ... owner specific (i.e., col. 13,lines 28-col. 14,line 8, col.

18,lines 62-col. 21,line 30)' whereas the case of '... card owner signature, photo, hologram ...',

clearly encompasses the claimed limitations as broadly interpreted by the examiner.).

31.   Claim 88 *additionally recites* the limitation that; "The data reproducing apparatus

according to claim 49, wherein

   said contents data includes at least one of

      audio data,

      video data,

      still image data,

      character data,

      computer graphic data,

      game software, and

      a computer program.".

The teachings of Daggar suggest such limitations (Abstract, col. 1,lines 5-25, col. 7,lines 33-col.

9,line 31, col. 9,lines 63-col. 21,line 35, whereas the electronic wallet and associated multimedia

card and digital card(s) with encryption based wallet micro-module, secure storage elements, and

'Other physical information such as a card owner signature, photo, hologram and bar code could

also be included on the ... card ... owner specific (i.e., col. 13,lines 28-col. 14,line 8, col.

18,lines 62-col. 21,line 30)' whereas the case of '... card owner signature, photo, hologram ...',

clearly encompasses the claimed limitations as broadly interpreted by the examiner.).

Response to Amendment

32.   As per applicant's argument concerning the lack of teaching by Daggar of rights data

modification as a result of subordinate data alteration/storage/re-storage resulting from

decoding/transaction functions services associated with reproduction of content data, the

examiner has fully considered in this response to amendment; the arguments, and finds them not

to be persuasive. The amended claim language still does not patently distinguish the claimed

invention from the claims as previously presented, such that the rejections as presented above in

the claim by claim rejection are maintained.

Conclusion

33.   Any inquiry concerning this communication or earlier communications from examiner

should be directed to Ronald Baum, whose telephone number is (571) 272-3861, and whose

unofficial Fax number is (571) 273-3861 and unofficial email is Ronald.baum@uspto.gov. The

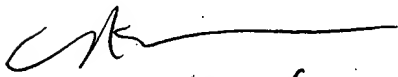examiner can normally be reached Monday through Thursday from 8:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Nasser Moazzami, can be reached at (571) 272-4195. The Fax number for the

organization where this application is assigned is **571-273-8300**.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. For more information for

unpublished applications is available through Private PAIR only. For more information about the

PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private

PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Ronald Baum

Patent Examiner

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10/13/06